DOCUMENT RESUME

ED 326 166 HE 024 071

AUTHOR	Norrell, Robert J.
TITLE	A Promising Field: Engineering at Alabama, 1837-1987.
REPORT NO	ISBN-0-8173-9-0478-9
PUB DATE	90
NOTE	278p.
AVAILABLE FROM	University of Alabama Press, Box 870380, Tuscaloosa, AL 35487-0380 ($24.95).
PUB TYPE	Books (010) -- Reports - Descriptive (141)
EDRS PRICE	Document Not Available from EDRS.
DESCRIPTORS	Economic Development; Educational Change; *Educational Development; *Educational History; Engineering; *Engineering Education; Higher Education; Influences; *Program Development; Technical Education; Technology
IDENTIFIERS	United States (South); *University of Alabama College of Engineering

ABSTRACT

This book tells the story of engineering education at the University of Alabama, written in observation of the sesquicentennial of the College of Engineering. It explores the history of technological education in the United States, looking for southern regional variations. The book also documents the connections between technological education and economic development, the evolution of American higher education and Alabama higher education, and the history of the engineering profession. The ups and downs of the engineering program are addressed--inadequate funding, world wars, establishment of a land-grant institution at Auburn and junior colleges across the state, and the slow development of industrialization in Alabama all played roles in the shaping of the College of Engineering. Chapter titles include: "The Sun of Science Rises in the Wilderness, 1837-1865"; "Frustrated Promise, 1866-1900"; "This Symbol of Modernism, 1901-1919"; "Promise Fulfilled, 1920-1939"; "War and Society, 1940-1957"; "The Task of Overcoming Gravity, 1958-1966"; and "A Flowering Field, 1967-1987." A list of almost 150 manuscripts, newspapers, interviews, books, articles, unpublished papers, and theses is included. (JDD)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

THIS

DOCUMENT

NOT

AVAILABLE

FROM

EDRS

END

U.S. Dept. of Education

Office of Education
Research and
Improvement (OERI)

ERIC

Date Filmed

March 29, 1991